




The CITY of
EDINA



PARTNERS IN ENERGY
AN XCEL ENERGY COMMUNITY PARTNERSHIP

Planning Workshop 2

Edina | 12-15-15



Agenda

Time	Topic
25 min	Welcome, Agenda Overview, & Workshop 2 Objectives
10 min	Edina's 25/25 Goal and the EEC
10 min	Xcel Energy's Sustainability Activities
25 min	Deeper Dive: Community Data By Sector
10 min	Break
45 min	Focus Area Priorities
15 min	Present Proposed Vision Statement Questions and Comments
10 min	Wrap-up and Topics for NextTime

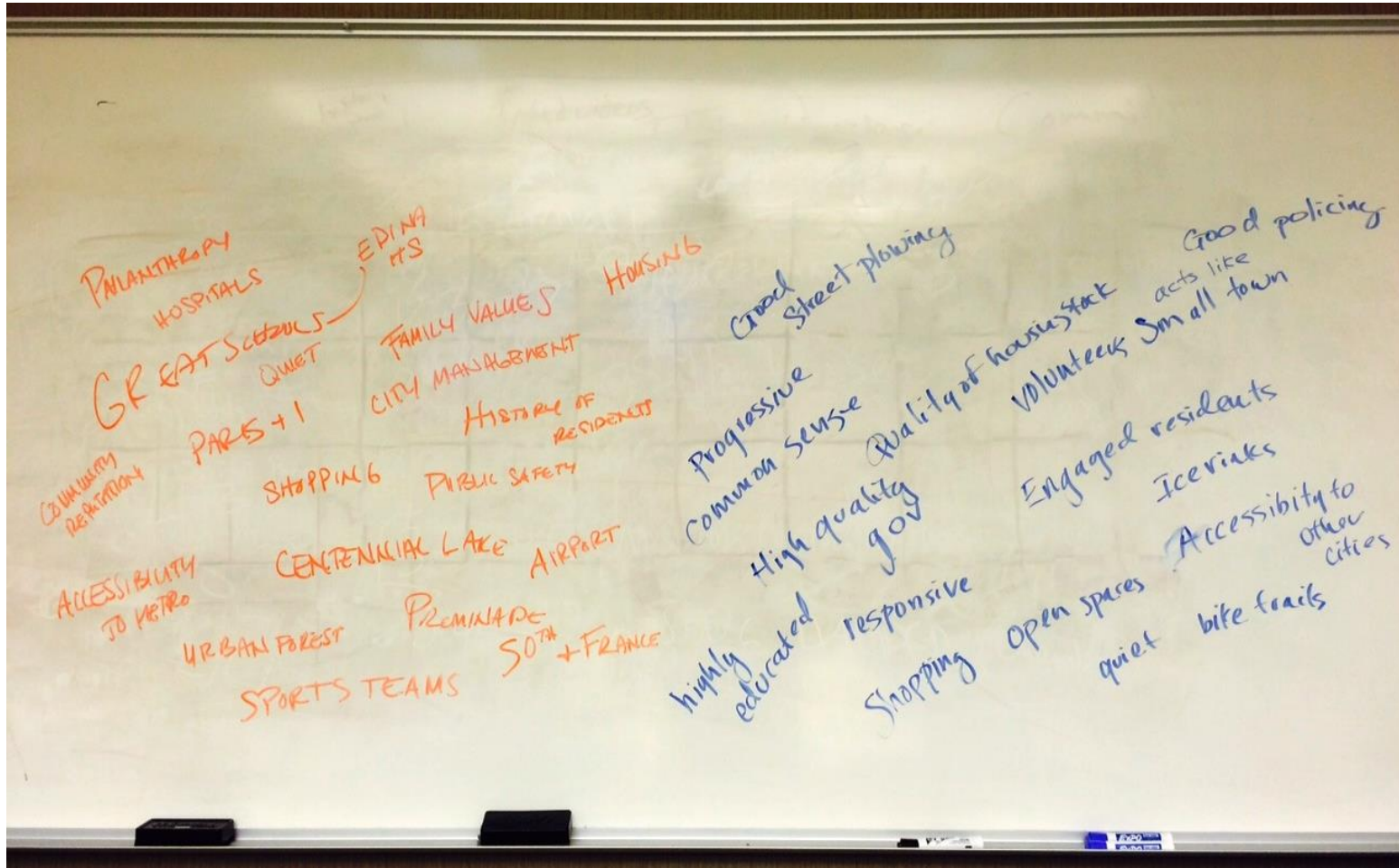
Workshop 1 Objectives

Last time, we:

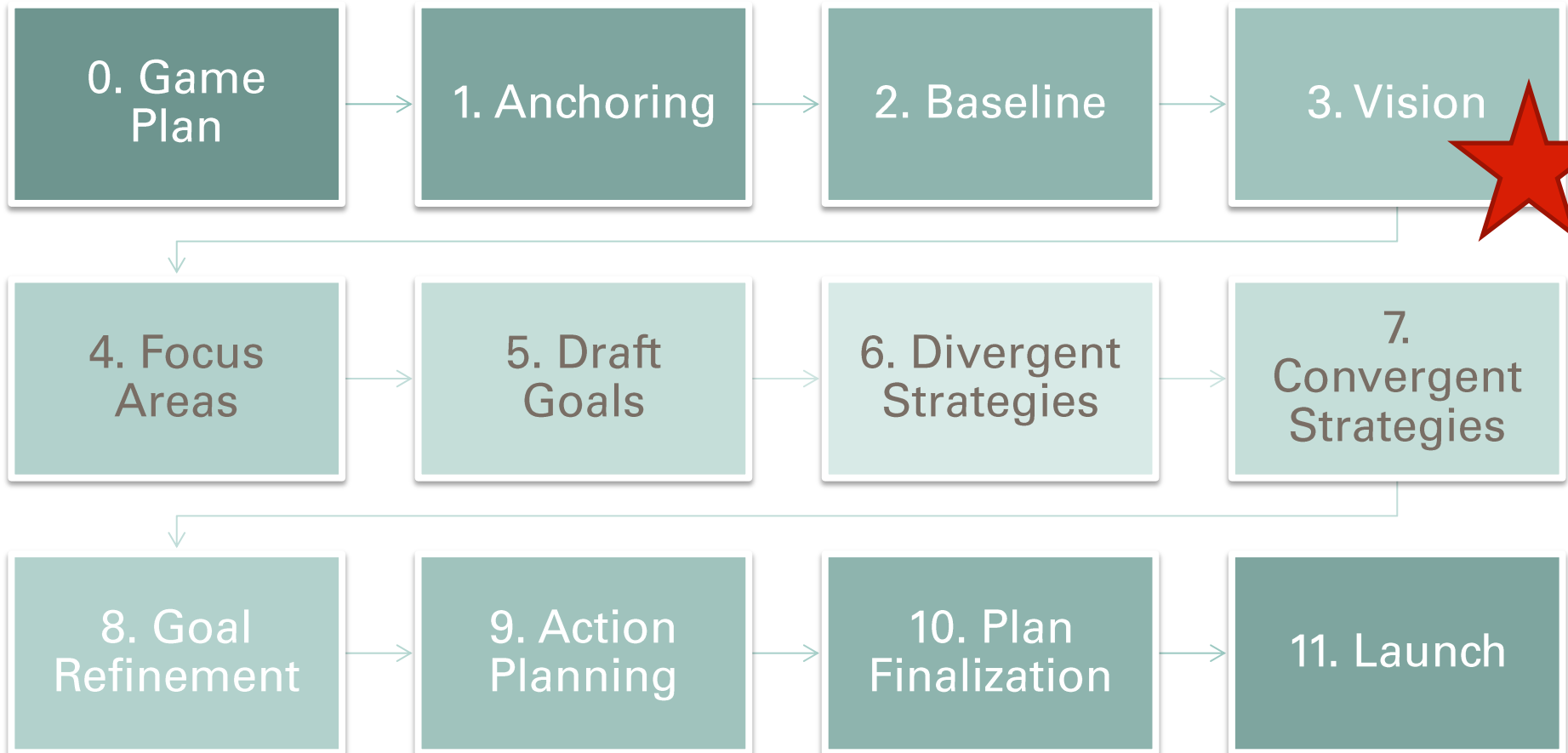
- 1) Got acquainted
- 2) Familiarized you with Xcel Energy's Partners in Energy offerings and roles
- 3) Discussed Edina's electric energy data
- 4) Identified past and present Edina energy efforts
- 5) Shared visions for Edina's energy future

Exchange Webinar 12/1: COMPASS Tool

In Your Words: Community Assets



The Process



Workshop 2 Objectives

By the end of the workshop, we will:

- 1) Recap how Partners in Energy can help Edina meet community objectives.
- 2) Discuss and establish 2-3 focus areas for the group to dive into deeper.
- 3) Establish the group's vision statement.



Introductions

Let's get to know each other:

- Name
- Why you're at the table (affiliation, resident, place of work)

Edina's 25/25 Goal



Xcel Energy's Sustainability Activities



Deep Dive: Community Data



Focus Areas

A focus area is a **priority** which the community would like to pursue.

Goals

A goal is used to **measure success.**

A strategy is a specific **tactic**
or action.

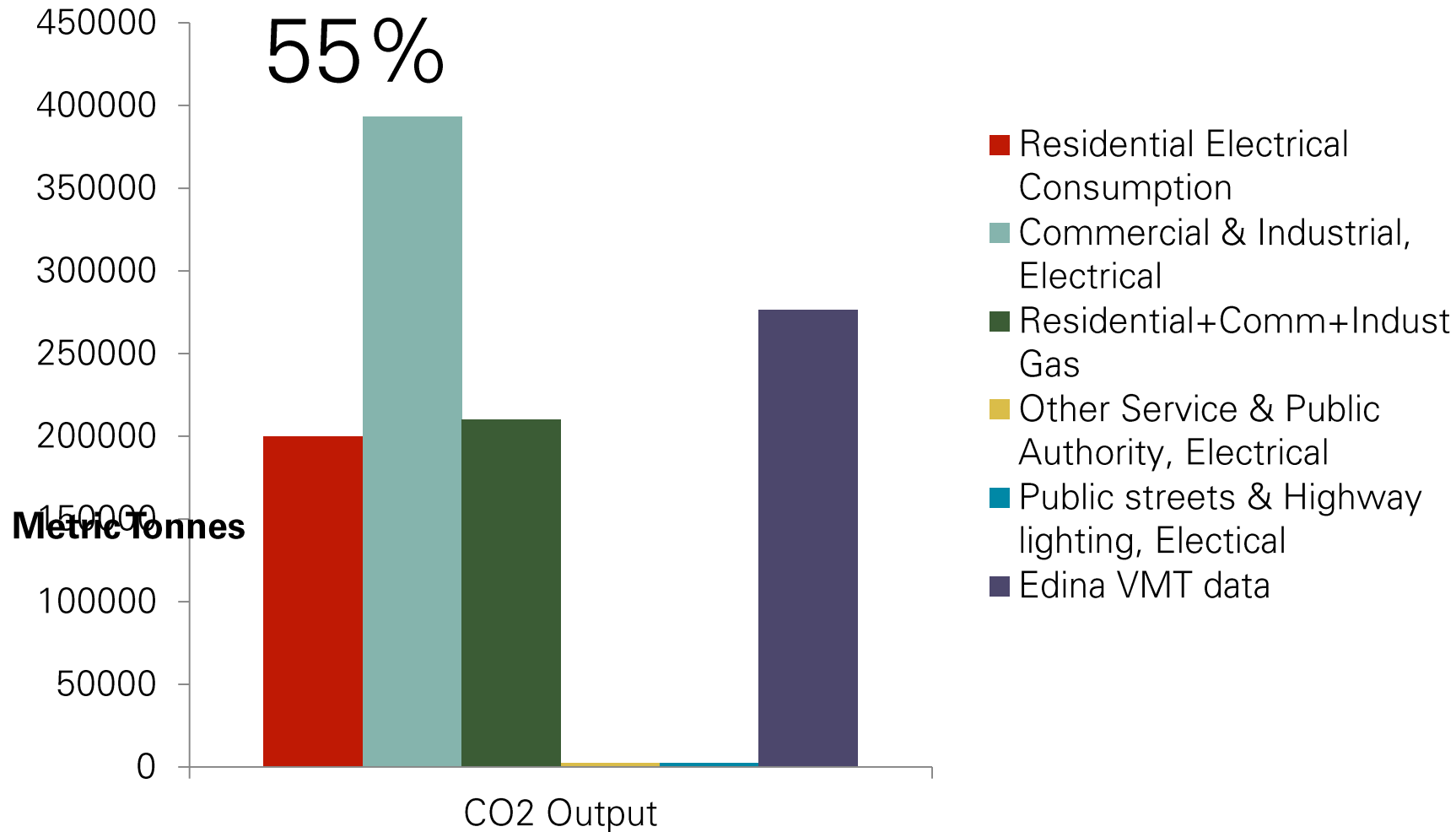
Putting it together!

Focus Area: Dental Hygiene

Goal: Zero new cavities within the next two years.

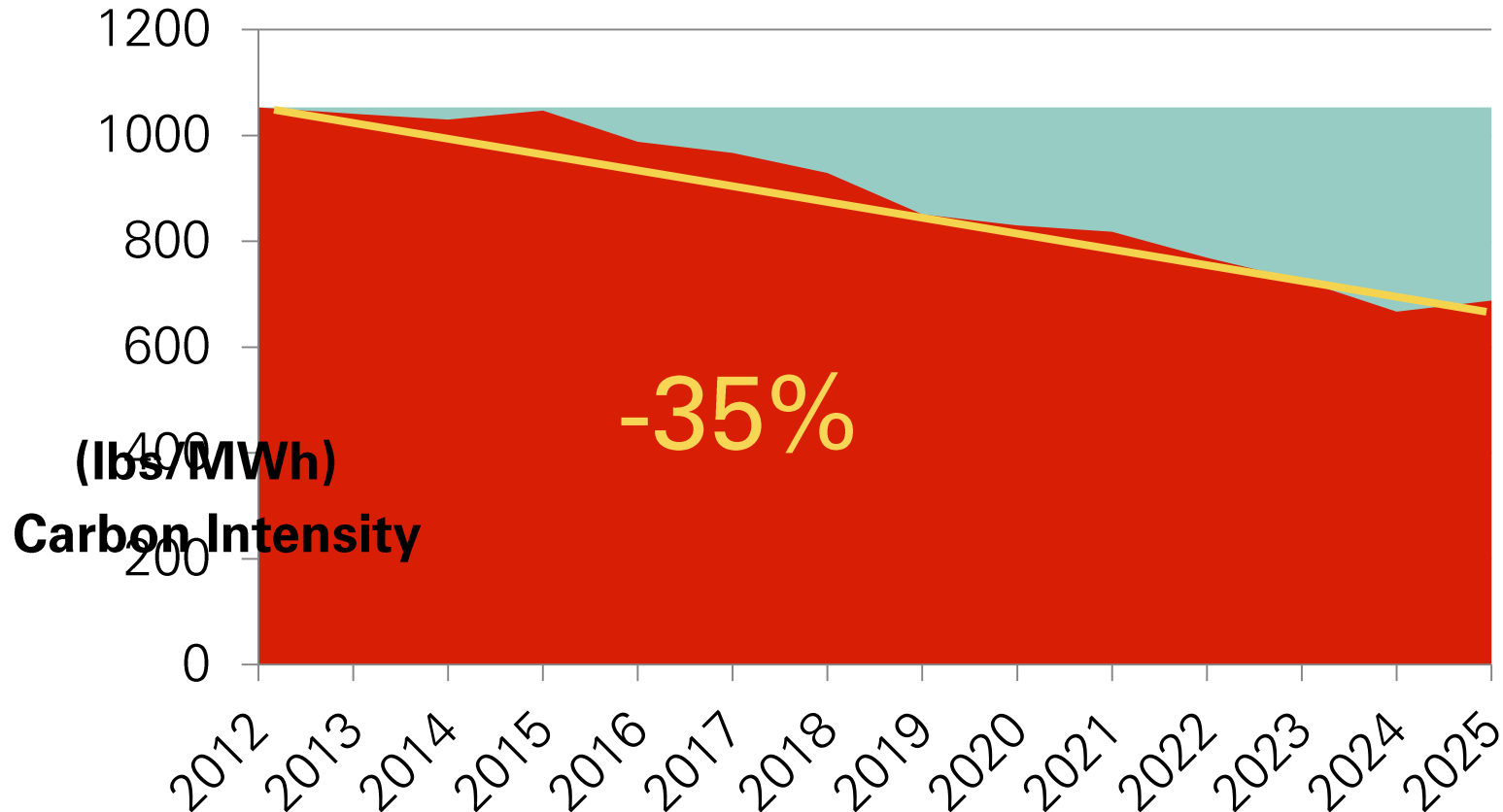
Strategies: Daily flossing, twice daily tooth brushing, semi-annual cleaning appointments.

Previous GHG Inventory



Source: Edina / ICLEI GHG Inventory

Electricity Grid Projections



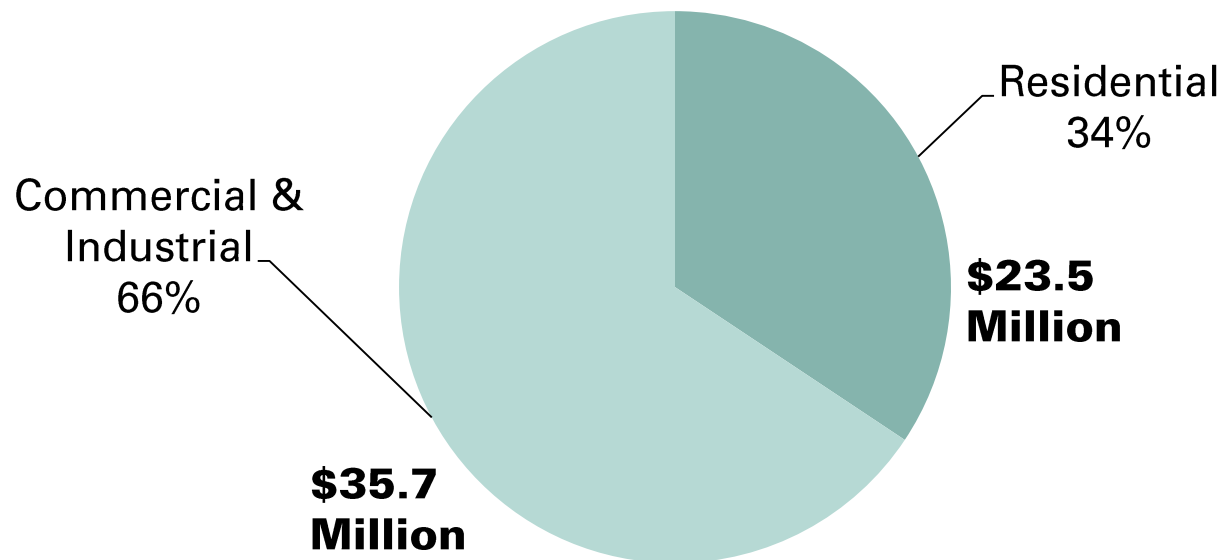
**Based on Current projected electricity carbon intensity
Filed with MN PUC on October 2, 2015**



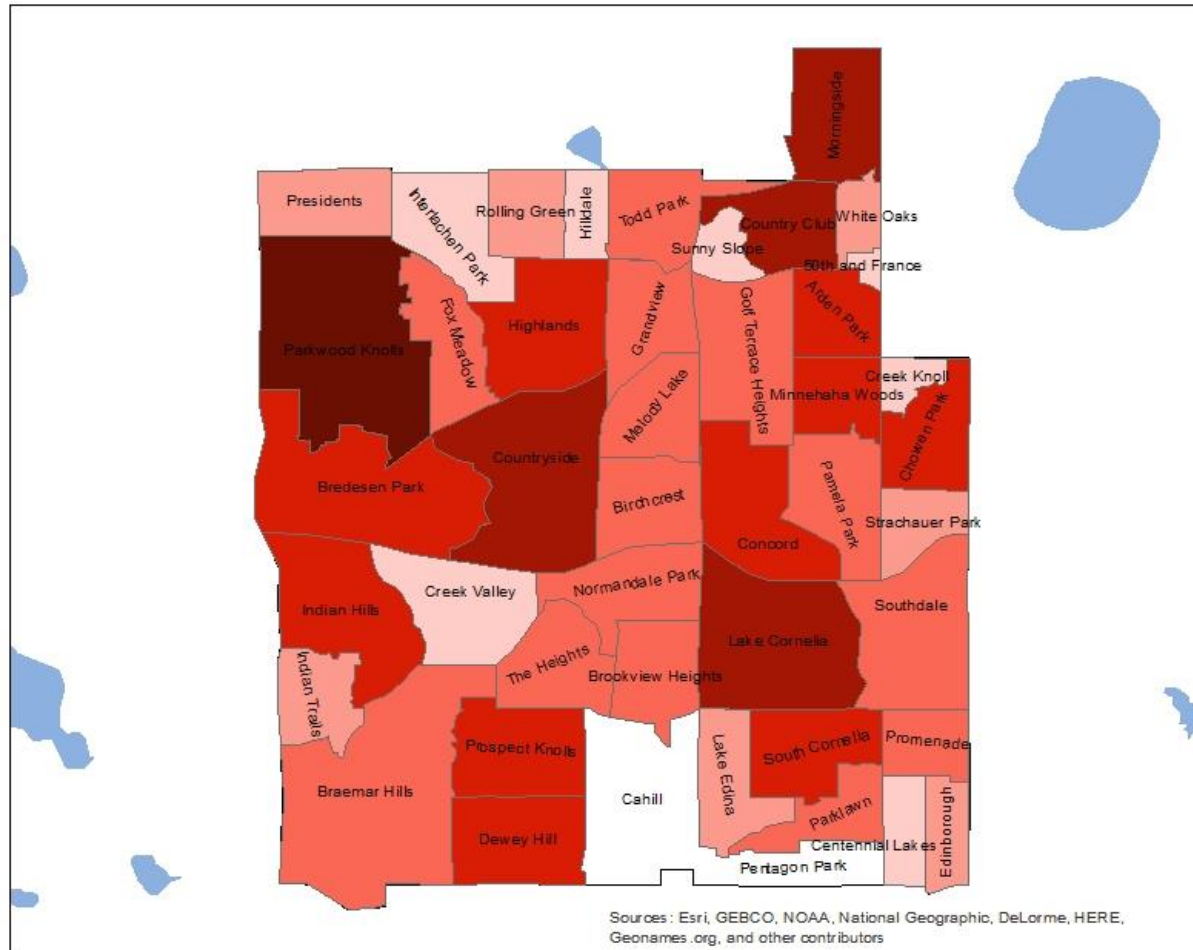
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Community Electricity Use

2014 Total Electricity Use 584 million kWh

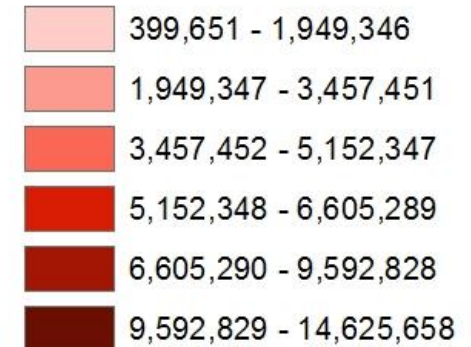


Residential Electricity Total



Legend

Edina Neighborhoods Total kWh Use (2014)

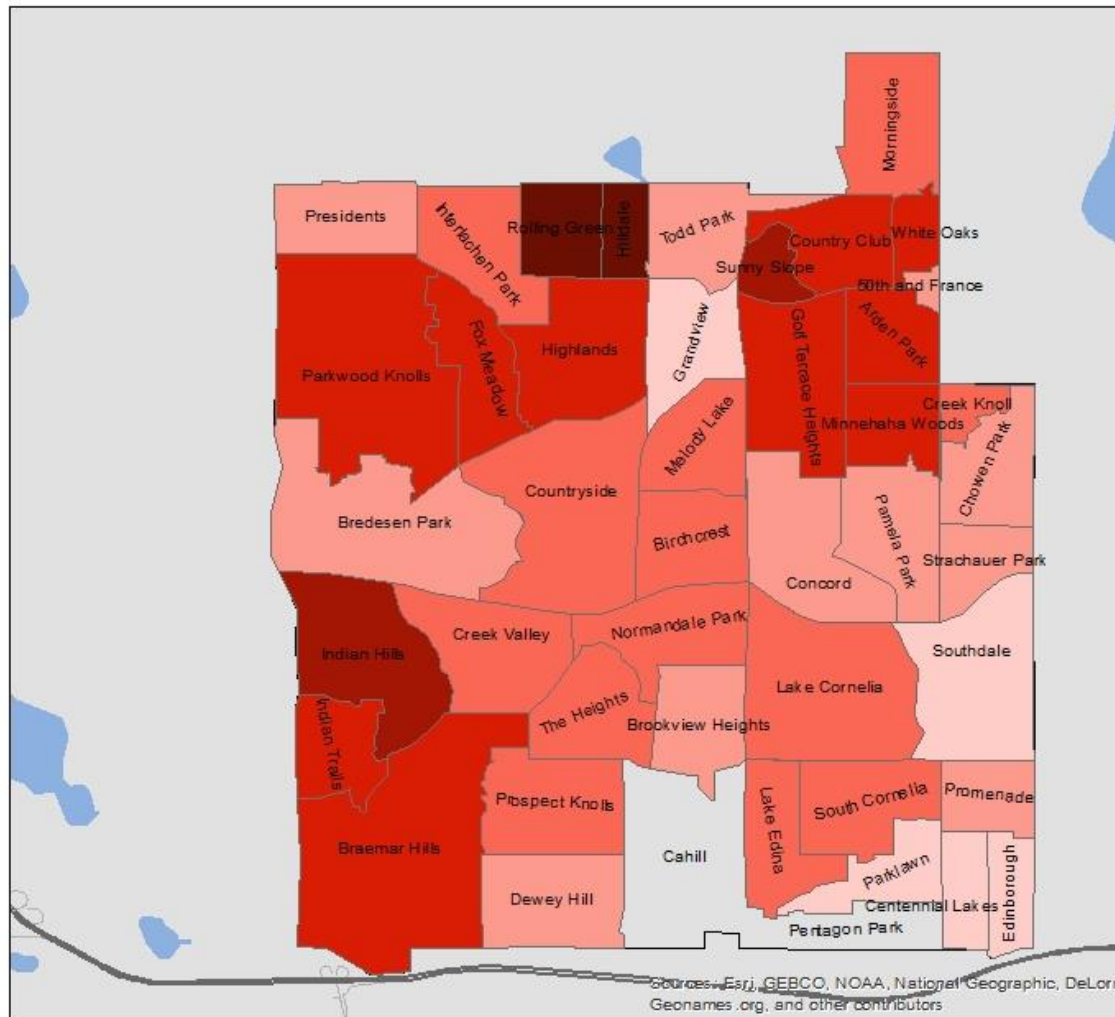


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Residential Electricity per Premise



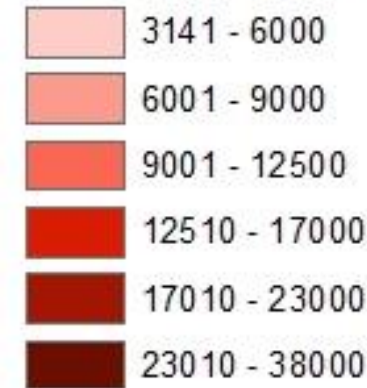
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Legend

Edina Neighborhoods

Average kwh use per premise



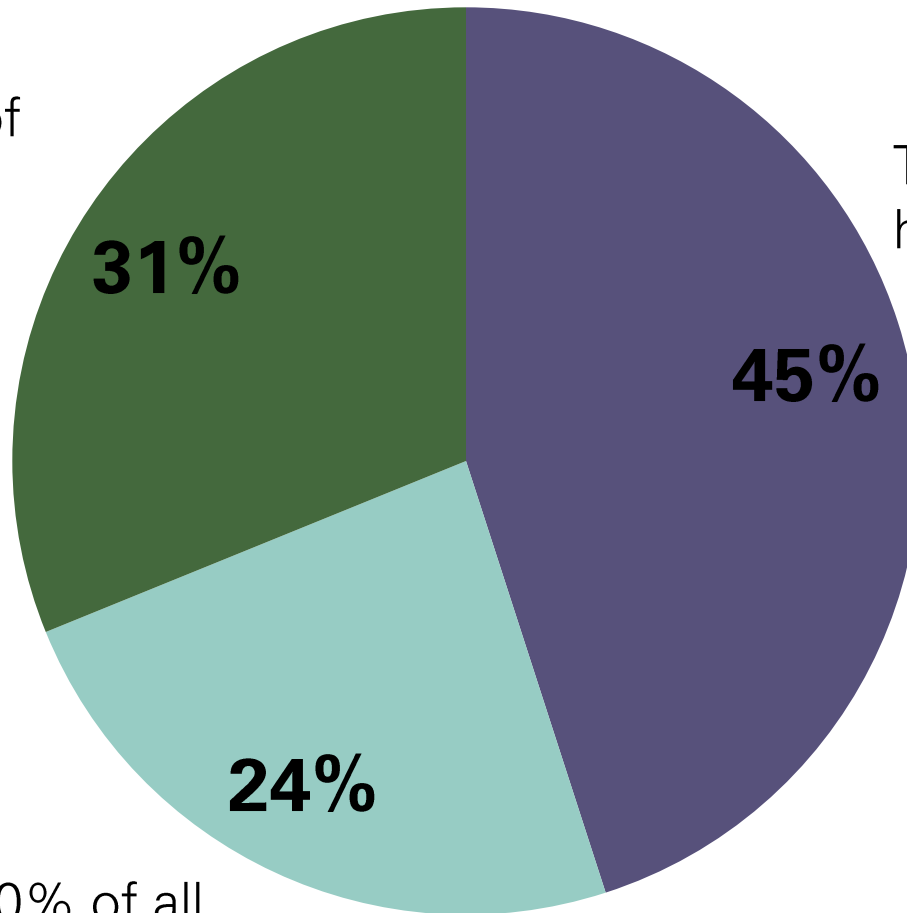
Sources: Esri, GEBCO, NOAA, National Geographic, DeLorme, HERE, Geonames.org, and other contributors



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Residential Electricity Use

Lowest 60% of
all households



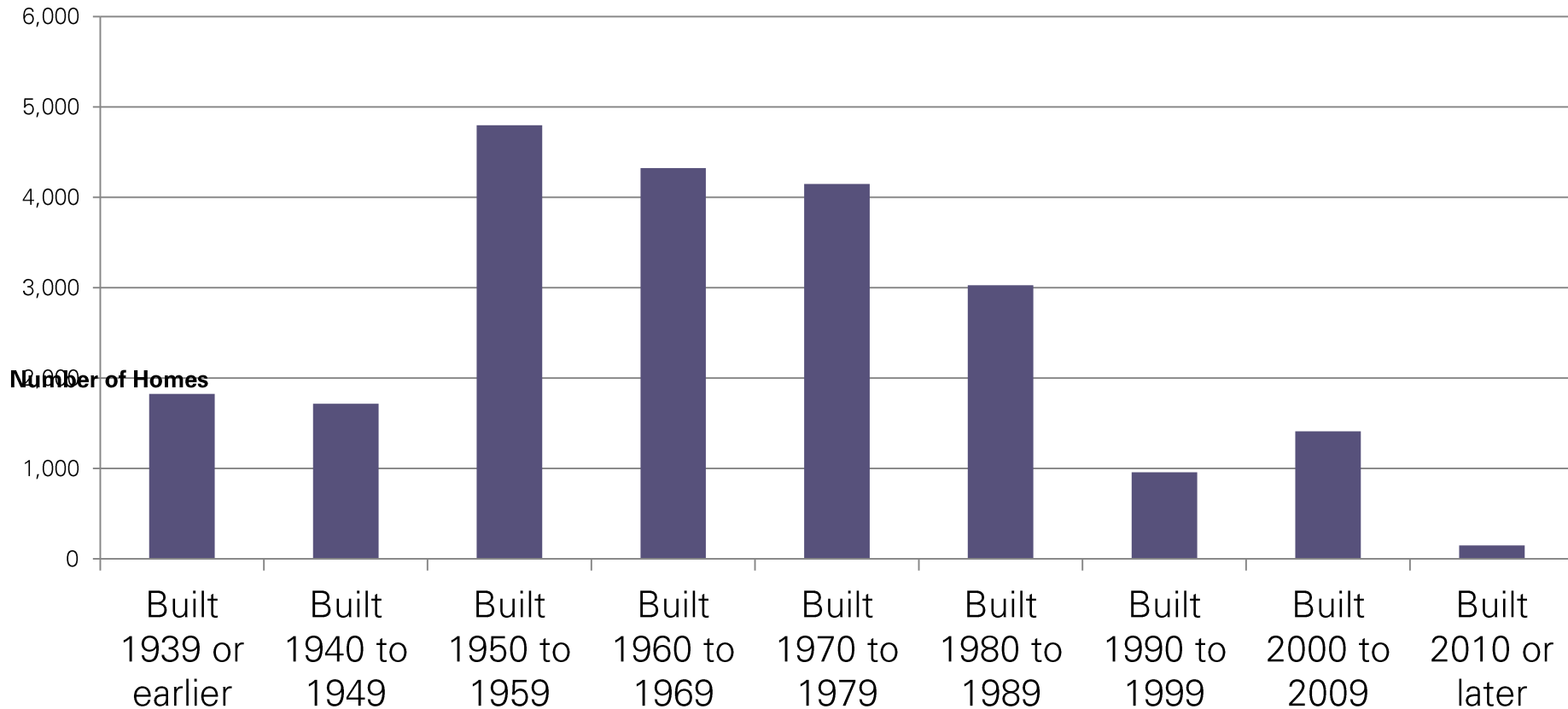
Top 20% of all
households

Next 20% of all
households



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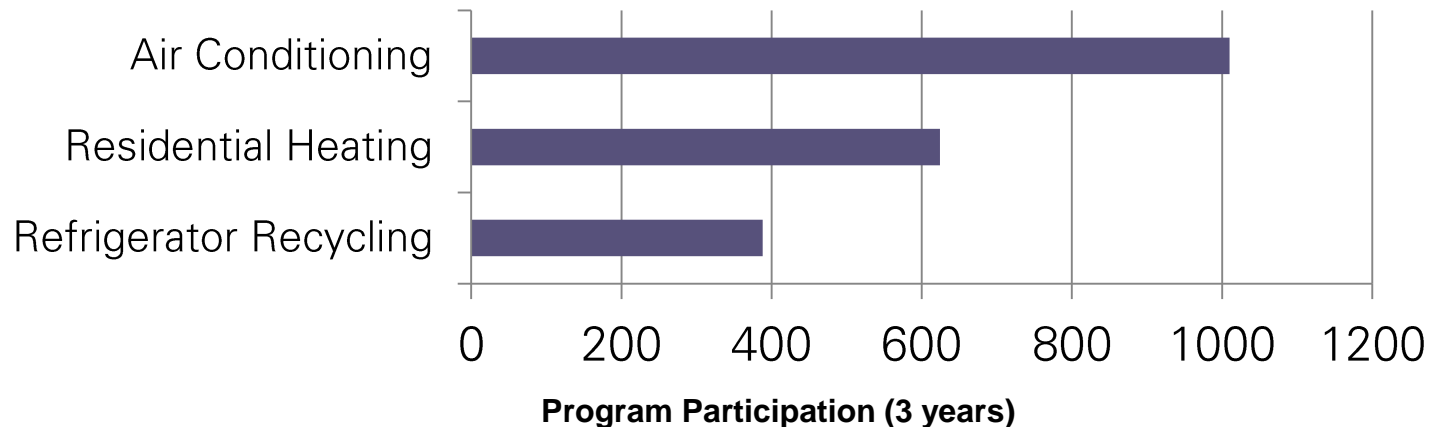
Age of Edina's Housing



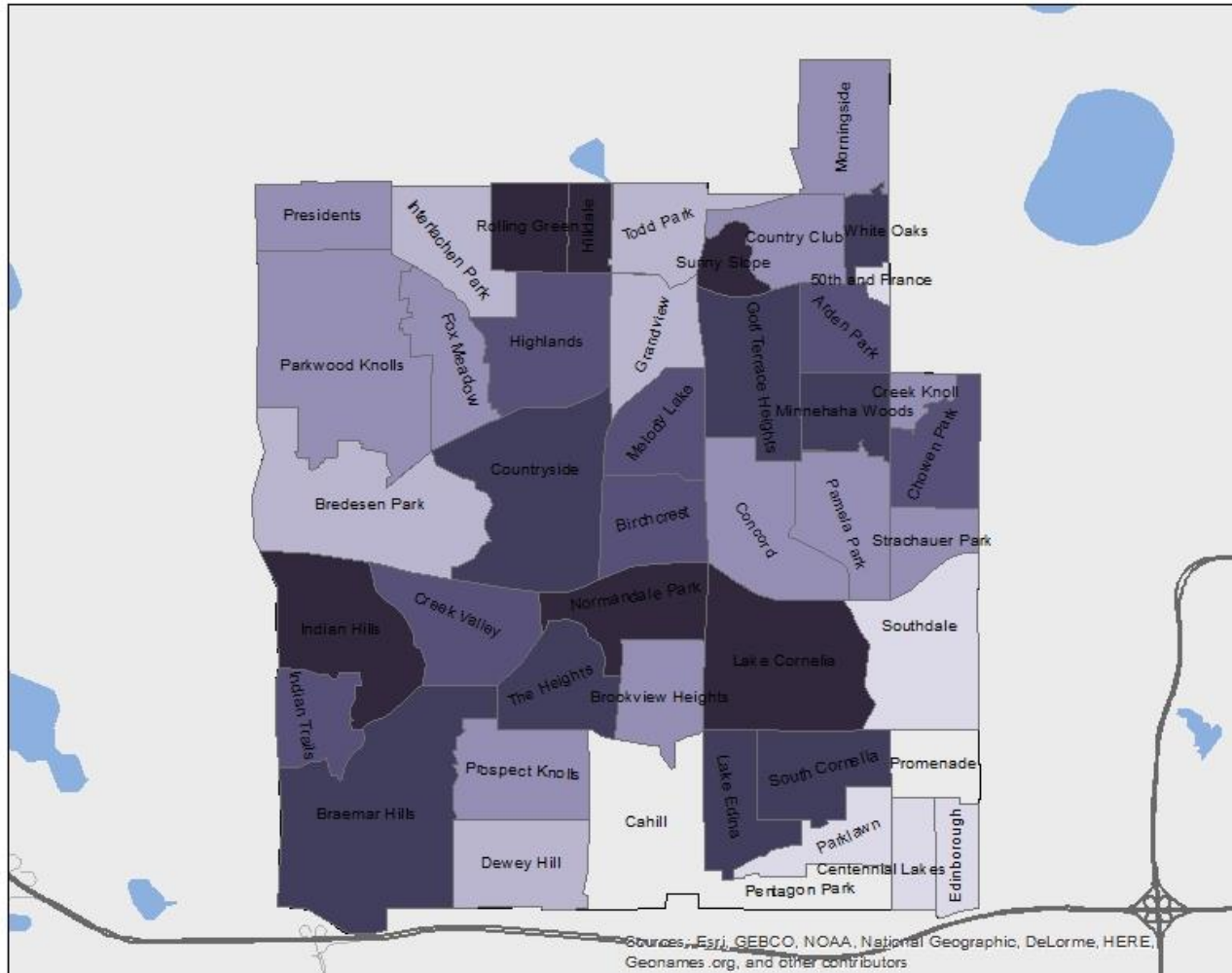
Opportunity: Energy Efficiency

2,147 Xcel Energy Rebates filed in past 36 months

Efficiency saves 0.3% of electricity use annually



Program Participation



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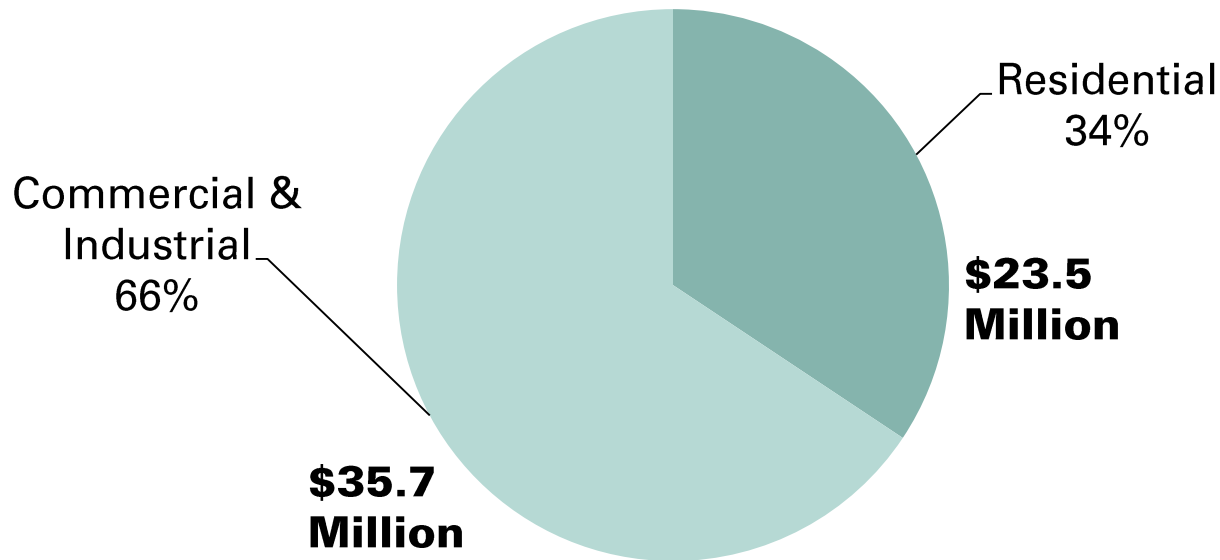
Potential Near-Term Opportunities: Residential

- Increase participation in “whole home” energy efficiency programs
- Build on participation in high savings programs: heating efficiency and refrigerator recycling
- Increase subscriptions to wind energy programs



Community Electricity Use

2014 Total Electricity Use 584 million kWh



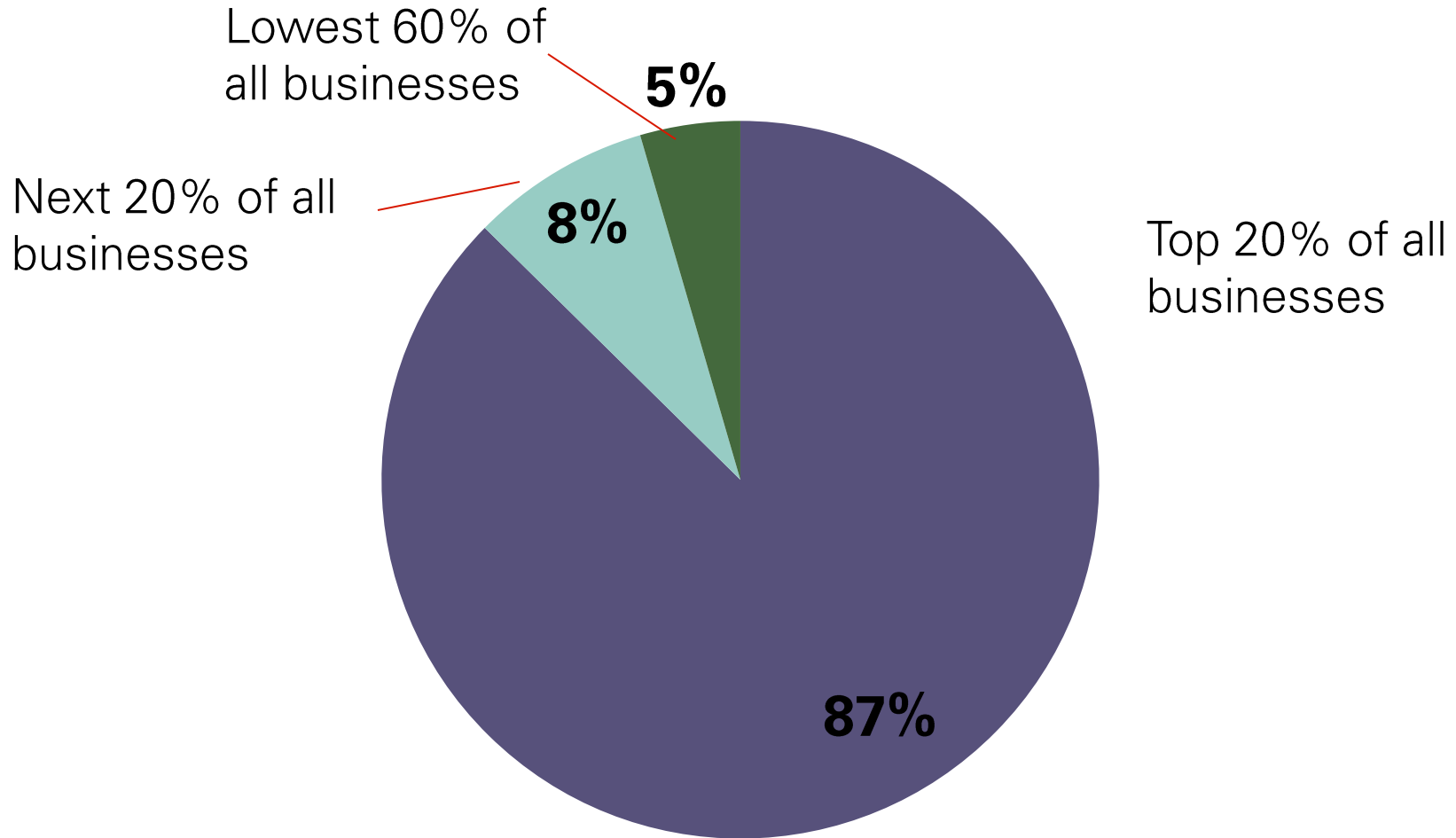
Municipal Electricity Use

Preliminary Assessment of Municipal Building Use

- City Facilities: 36 million kWh
- School district: 13 million kWh

12-13% of total Edina commercial / industrial use

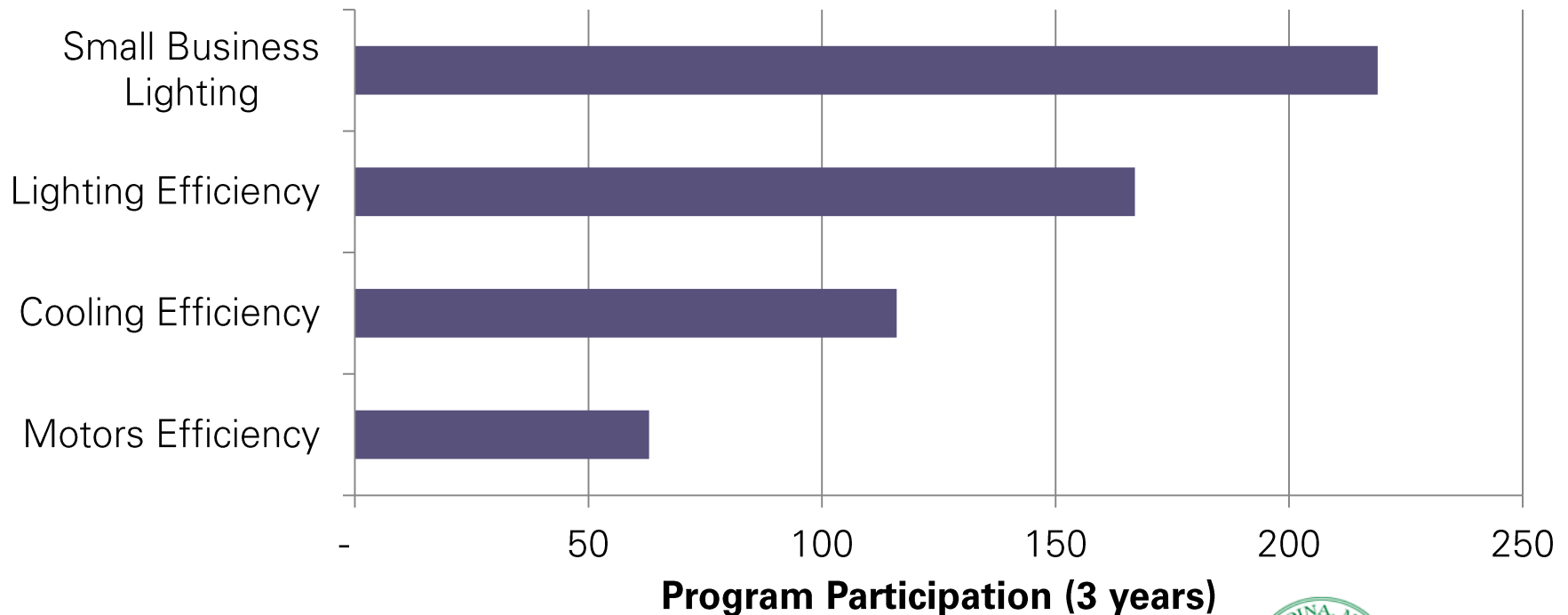
Business Electricity Use



Energy Efficiency Participation

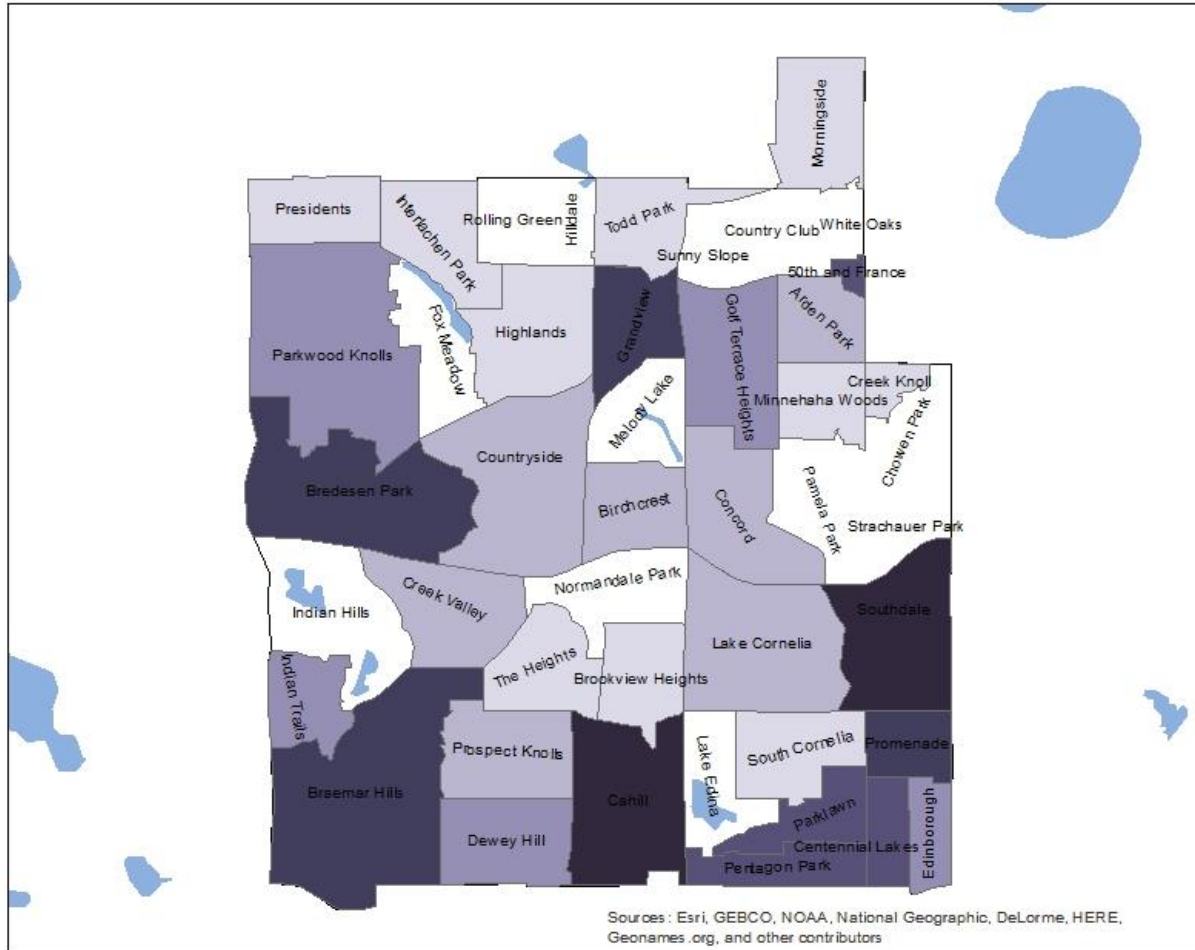
624 Xcel Energy Rebates filed in past 36 months

Efficiency saves 1.8% of electricity use annually



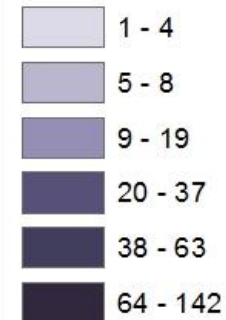
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Program Participation



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Edina Neighborhoods Business DSM Rebates



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Renewable Energy

Program Participation (Past 3 Years)

	Residential	Business
Solar Programs	8	11
Windsource®	79	8

Potential Near-Term Opportunities: Commercial

- Engage largest commercial users as community leaders
- Engage “repeat customers”
- Develop a system for tracking and/or recognition
- Leverage financing options within the City
- Increase commercial subscriptions to renewable energy choices

Getting a 15% reduction by 2025

- Maintain annual energy savings of 1.8% through programs
- Top 20% of businesses reduce energy use by 17%
- Top 20% of businesses subscribe 17% pf their energy use to renewable energy

10 Minute Break

Focus Area Priorities



Photo by Chuck Schlegel / CC BY



Photo by jpellgen / CC BY



Photo by PDUB's / CC BY

Is this focus area:

- Going to help Edina reach its GHG goal?
- Something you personally can get excited about working on?
- A priority for near-term implementation?

Vision Statement

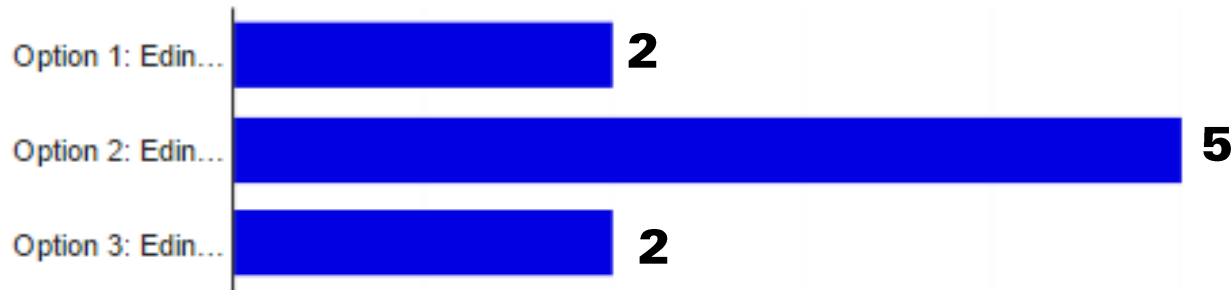
Vision Introduction



Vision Voting

Please select the version you feel most closely represents Edina's energy vision:

Overall Preference, Top Choice



Vision Statement

Edina's residents, schools, businesses, and government successfully reduce the community's greenhouse gas emissions by 25% by the year 2025, through strategies and actions that are sustainable, practical, and measurable.

- Which pieces of the statement are most important to you?
- Will the vision resonate with the larger Edina community?

Summary of Objectives

- 1) We recapped how Partners in Energy can help Edina meet community objectives.
- 2) We established the group's vision statement.
- 3) We discussed and established 2-3 focus areas for the group to dive into deeper.

Looking Forward



Before Next Time

- Workshop follow-up
- Email Sarah (sklauer@mncee.org) with any questions
- Share energy use next time?
- **Next workshop: January 21**



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